

Substitute for Form 1449 A & B/PTO		Complete if Known	
O I P INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/582,109
<i>NOV. 01 2006</i>		Confirmation Number	Unknown
		Filing Date	June 8, 2006
		First Named Inventor	Hiroshi OSAWA
		Art Unit	Unknown
		Examiner Name	Unknown
Sheet	1	of	1
		Attorney Docket Number	Q83261

U.S. PATENT DOCUMENTS

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Examiner Signature	/Gary Harris/	Date Considered	12/21/2007
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
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/GH/		US 2001/0031383	A1	10-18-2001	A. SAKAWAKI, et al.
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
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/GH/		JP	2001-209927	A	08-03-2001	Asahi Komagu K.K.	Abstract & computer translation

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.				Translation ⁶
/GH/		Y. SHIROISHI, et al., "Recent Progress in Rigid Disk Media for Longitudinal High-Density Magnetic Recording", Central Research Lab., Hitachi Ltd., Journal of Japan Applied Magnetism Society, Vol. 17, No. 5, 1993 pp. 784-791				
/GH/		J. ZHU, et al., "Computer Modeling of the Write Process in Perpendicular Recording", IEEE Transactions on Magnetics, Vol. Mag-22, No. 5, September 1986, pp. 379-381				

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